

Behzad Baradaran

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

582
papers

11,163
citations

48
h-index

76
g-index

633
ext. papers

15,108
ext. citations

4.8
avg, IF

7.25
L-index

#	Paper	IF	Citations
582	The Different Mechanisms of Cancer Drug Resistance: A Brief Review. <i>Advanced Pharmaceutical Bulletin</i> , 2017 , 7, 339-348	4.5	573
581	Molecular mechanisms of apoptosis and roles in cancer development and treatment. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 2129-44	1.7	287
580	PAMAM dendrimers as efficient drug and gene delivery nanosystems for cancer therapy. <i>Applied Materials Today</i> , 2018 , 12, 177-190	6.6	188
579	Treating cancer with microRNA replacement therapy: A literature review. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5574-5588	7	185
578	Herbal medicine as inducers of apoptosis in cancer treatment. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 421-7	4.5	178
577	Carbon based nanomaterials for tissue engineering of bone: Building new bone on small black scaffolds: A review. <i>Journal of Advanced Research</i> , 2019 , 18, 185-201	13	173
576	Nanomaterial-based biosensors for detection of pathogenic virus. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 97, 445-457	14.6	148
575	The relation between PI3K/AKT signalling pathway and cancer. <i>Gene</i> , 2019 , 698, 120-128	3.8	133
574	The role of microRNAs in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 705-713	7.5	116
573	RNA interference and its role in cancer therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 313-21	4.5	114
572	The paradox of Th17 cell functions in tumor immunity. <i>Cellular Immunology</i> , 2017 , 322, 15-25	4.4	107
571	MicroRNA replacement therapy in cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 12369-12384	7	106
570	Phage display as a promising approach for vaccine development. <i>Journal of Biomedical Science</i> , 2016 , 23, 66	13.3	105
569	Myeloid-derived suppressor cells: Important contributors to tumor progression and metastasis. <i>Journal of Cellular Physiology</i> , 2018 , 233, 3024-3036	7	103
568	Cancer chemoresistance; biochemical and molecular aspects: a brief overview. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 89, 20-30	5.1	95
567	MicroRNAs in cancer cell death pathways: Apoptosis and necroptosis. <i>Free Radical Biology and Medicine</i> , 2019 , 139, 1-15	7.8	84
566	MicroRNAs as novel biomarkers for colorectal cancer: New outlooks. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 1319-1330	7.5	83

565	Lateral flow assays towards point-of-care cancer detection: A review of current progress and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 125, 115842	14.6	79
564	A probable causative factor for an old problem: selenium and glutathione peroxidase appear to play important roles in epilepsy pathogenesis. <i>Epilepsia</i> , 2007 , 48, 1750-1755	6.4	79
563	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. <i>Nano-Micro Letters</i> , 2021 , 13, 18	19.5	79
562	Recent advances on thermosensitive and pH-sensitive liposomes employed in controlled release. <i>Journal of Controlled Release</i> , 2019 , 315, 1-22	11.7	76
561	Photodynamic therapy for cancer: Role of natural products. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019 , 26, 395-404	3.5	72
560	Green tea (<i>Camellia sinensis</i>) administration induces expression of immune relevant genes and biochemical parameters in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Fish and Shellfish Immunology</i> , 2013 , 35, 1916-23	4.3	72
559	BACH1, the master regulator gene: A novel candidate target for cancer therapy. <i>Gene</i> , 2016 , 588, 30-7	3.8	72
558	miR-142-3p as tumor suppressor miRNA in the regulation of tumorigenicity, invasion and migration of human breast cancer by targeting Bach-1 expression. <i>Journal of Cellular Physiology</i> , 2019 , 234, 9816-9825	7	72
557	LncRNAs: emerging players in gene regulation and disease pathogenesis. <i>Journal of Genetics</i> , 2015 , 94, 771-84	1.2	67
556	Liposome and immune system interplay: Challenges and potentials. <i>Journal of Controlled Release</i> , 2019 , 305, 194-209	11.7	65
555	Chitosan nanoparticles as a dual drug/siRNA delivery system for treatment of colorectal cancer. <i>Immunology Letters</i> , 2017 , 181, 79-86	4.1	64
554	Toll-Like Receptors in the Pathogenesis of Autoimmune Diseases. <i>Advanced Pharmaceutical Bulletin</i> , 2015 , 5, 605-14	4.5	63
553	Recent advances on nanomaterial based electrochemical and optical aptasensors for detection of cancer biomarkers. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 100, 103-115	14.6	62
552	microRNAs in cancer stem cells: Biology, pathways, and therapeutic opportunities. <i>Journal of Cellular Physiology</i> , 2019 , 234, 10002-10017	7	62
551	Comparison of DNA and mRNA vaccines against cancer. <i>Drug Discovery Today</i> , 2020 , 25, 552-560	8.8	60
550	Recent advances on application of peptide nucleic acids as a bioreceptor in biosensors development. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 114, 56-68	14.6	59
549	Recent advances on aptamer-based biosensors to detection of platelet-derived growth factor. <i>Biosensors and Bioelectronics</i> , 2018 , 113, 58-71	11.8	58
548	DNA methylation pattern as important epigenetic criterion in cancer. <i>Genetics Research International</i> , 2013 , 2013, 317569	0	58

547	Recent advancements in structural improvements of lateral flow assays towards point-of-care testing. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 116, 13-30	14.6	57
546	Tumor angiogenesis and anti-angiogenic therapies. <i>Human Antibodies</i> , 2013 , 22, 15-9	1.3	57
545	Targeting Stat3 and Smad7 to restore TGF- β cytostatic regulation of tumor cells in vitro and in vivo. <i>Oncogene</i> , 2013 , 32, 2433-41	9.2	57
544	Overview on experimental models of interactions between nanoparticles and the immune system. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 1365-1378	7.5	56
543	Dengue virus: a review on advances in detection and trends - from conventional methods to novel biosensors. <i>Mikrochimica Acta</i> , 2019 , 186, 329	5.8	54
542	Co-delivery of IL17RB siRNA and doxorubicin by chitosan-based nanoparticles for enhanced anticancer efficacy in breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 83, 229-240	7.5	54
541	Differential role of microRNAs in the pathogenesis and treatment of Esophageal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 82, 509-19	7.5	52
540	Co-delivery of curcumin and Bcl-2 siRNA by PAMAM dendrimers for enhancement of the therapeutic efficacy in HeLa cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 188, 110762	6	52
539	Immune checkpoint blockade opens a new way to cancer immunotherapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8541-8549	7	52
538	Surface functionalized dendrimers as controlled-release delivery nanosystems for tumor targeting. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 122, 311-330	5.1	51
537	Effects of HMGA2 siRNA and doxorubicin dual delivery by chitosan nanoparticles on cytotoxicity and gene expression of HT-29 colorectal cancer cell line. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 1119-30	4.8	50
536	Current Approaches for Combination Therapy of Cancer: The Role of Immunogenic Cell Death. <i>Cancers</i> , 2020 , 12,	6.6	49
535	The role of Th17 cells in patients with relapsing-remitting multiple sclerosis: interleukin-17A and interleukin-17F serum levels. <i>Immunology Letters</i> , 2015 , 164, 76-80	4.1	48
534	HMGI-C suppressing induces P53/caspase9 axis to regulate apoptosis in breast adenocarcinoma cells. <i>Cell Cycle</i> , 2016 , 15, 2585-2592	4.7	48
533	MicroRNAs in the Diagnosis and Treatment of Cancer. <i>Immunological Investigations</i> , 2017 , 46, 880-897	2.9	47
532	Immune Cell Membrane-Coated Biomimetic Nanoparticles for Targeted Cancer Therapy. <i>Small</i> , 2021 , 17, e2006484	11	47
531	Neutrophils, Crucial, or Harmful Immune Cells Involved in Coronavirus Infection: A Bioinformatics Study. <i>Frontiers in Genetics</i> , 2020 , 11, 641	4.5	46
530	Target therapy of cancer: implementation of monoclonal antibodies and nanobodies. <i>Human Antibodies</i> , 2009 , 18, 81-100	1.3	46

529	Enhanced radiosensitivity and chemosensitivity of breast cancer cells by 2-deoxy-d-glucose in combination therapy. <i>Journal of Breast Cancer</i> , 2012 , 15, 141-7	3	45
528	Dendrosomal curcumin suppresses metastatic breast cancer in mice by changing m1/m2 macrophage balance in the tumor microenvironment. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 3917-22	1.7	45
527	The crucial role of ZEB2: From development to epithelial-to-mesenchymal transition and cancer complexity. <i>Journal of Cellular Physiology</i> , 2019 , 234, 14783	7	44
526	Suppression of nitric oxide production in activated murine peritoneal macrophages in vitro and ex vivo by <i>Scrophularia striata</i> ethanolic extract. <i>Journal of Ethnopharmacology</i> , 2009 , 124, 166-9	5	44
525	The role of gut microbiota and IL-23/IL-17 pathway in ankylosing spondylitis immunopathogenesis: New insights and updates. <i>Immunology Letters</i> , 2018 , 196, 52-62	4.1	43
524	Advances in detection of fastidious bacteria: From microscopic observation to molecular biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 157-171	14.6	43
523	Recent trends in rapid detection of influenza infections by bio and nanobiosensor. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 98, 201-215	14.6	43
522	CTLA-4: From mechanism to autoimmune therapy. <i>International Immunopharmacology</i> , 2020 , 80, 106221	5.8	42
521	Recent progress in optical and electrochemical biosensors for sensing of <i>Clostridium botulinum</i> neurotoxin. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 184-197	14.6	42
520	MicroRNAs in cancer drug resistance: Basic evidence and clinical applications. <i>Journal of Cellular Physiology</i> , 2019 , 234, 2152-2168	7	42
519	Immunomodulatory nature and site specific affinity of mesenchymal stem cells: a hope in cell therapy. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 5-13	4.5	42
518	Circulating myeloid-derived suppressor cells: An independent prognostic factor in patients with breast cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3515-3525	7	42
517	Clinical characteristics, laboratory findings, radiographic signs and outcomes of 61,742 patients with confirmed COVID-19 infection: A systematic review and meta-analysis. <i>Microbial Pathogenesis</i> , 2020 , 147, 104390	3.8	41
516	Regulatory mechanisms of miR-145 expression and the importance of its function in cancer metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 195-207	7.5	39
515	Silibinin to improve cancer therapeutic, as an apoptotic inducer, autophagy modulator, cell cycle inhibitor, and microRNAs regulator. <i>Life Sciences</i> , 2018 , 213, 236-247	6.8	39
514	PD-1/PD-L1-dependent immune response in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020 , 235, 5461-5475	7	38
513	BACH1 silencing by siRNA inhibits migration of HT-29 colon cancer cells through reduction of metastasis-related genes. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 191-198	7.5	38
512	Immunomodulatory and therapeutic effects of Hot-nature diet and co-supplemented hemp seed, evening primrose oils intervention in multiple sclerosis patients. <i>Complementary Therapies in Medicine</i> , 2013 , 21, 473-80	3.5	38

511	siRNA-mediated silencing of survivin inhibits proliferation and enhances etoposide chemosensitivity in acute myeloid leukemia cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013 , 14, 7719-24	1.7	38
510	Silencing of IL-6 and STAT3 by siRNA loaded hyaluronate-N,N,N-trimethyl chitosan nanoparticles potently reduces cancer cell progression. <i>International Journal of Biological Macromolecules</i> , 2020 , 149, 487-500	7.9	38
509	Key microRNAs in the biology of breast cancer; emerging evidence in the last decade. <i>Journal of Cellular Physiology</i> , 2019 , 234, 8316-8326	7	38
508	Comparison of confirmed COVID-19 with SARS and MERS cases - Clinical characteristics, laboratory findings, radiographic signs and outcomes: A systematic review and meta-analysis. <i>Reviews in Medical Virology</i> , 2020 , 30, e2112	11.7	37
507	Janus kinase inhibitors: A therapeutic strategy for cancer and autoimmune diseases. <i>Journal of Cellular Physiology</i> , 2020 , 235, 5903-5924	7	37
506	siRNA-Mediated Silencing of HMGA2 Induces Apoptosis and Cell Cycle Arrest in Human Colorectal Carcinoma. <i>Journal of Gastrointestinal Cancer</i> , 2017 , 48, 156-163	1.6	37
505	New emerging roles of CD133 in cancer stem cell: Signaling pathway and miRNA regulation. <i>Journal of Cellular Physiology</i> , 2019 , 234, 21642-21661	7	36
504	Targeting STAT3 in cancer and autoimmune diseases. <i>European Journal of Pharmacology</i> , 2020 , 878, 1731-1737	10.7	36
503	MicroRNA implications in the etiopathogenesis of ankylosing spondylitis. <i>Journal of Cellular Physiology</i> , 2018 , 233, 5564-5573	7	36
502	Serum overexpression of miR-301a and miR-23a in patients with colorectal cancer. <i>Journal of the Chinese Medical Association</i> , 2019 , 82, 215-220	2.8	36
501	Overcoming the Challenges of siRNA Delivery: Nanoparticle Strategies. <i>Current Drug Delivery</i> , 2017 , 14, 36-46	3.2	35
500	Insights into the diverse roles of miR-205 in human cancers. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 577-83	1.7	35
499	miR-330 suppresses EMT and induces apoptosis by downregulating HMGA2 in human colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020 , 235, 920-931	7	35
498	Silencing of BACH1 inhibits invasion and migration of prostate cancer cells by altering metastasis-related gene expression. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1495-1504	6.1	34
497	Fatty Acid Composition of Tissue Cultured Breast Carcinoma and the Effect of Stearoyl-CoA Desaturase 1 Inhibition. <i>Journal of Breast Cancer</i> , 2014 , 17, 136-42	3	34
496	Diagnostic and prognostic value of miR-205 in colorectal cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 4033-7	1.7	34
495	The roles of signaling pathways in SARS-CoV-2 infection; lessons learned from SARS-CoV and MERS-CoV. <i>Archives of Virology</i> , 2021 , 166, 675-696	2.6	34
494	Reduced ABCB1 Expression and Activity in the Presence of Acrylic Copolymers. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 219-24	4.5	33

493	Inhibition of MEK/ERK1/2 Signaling Affects the Fatty Acid Composition of HepG2 Human Hepatic Cell Line. <i>BiolImpacts</i> , 2012 , 2, 145-50	3.5	33
492	Colon cancer therapy by focusing on colon cancer stem cells and their tumor microenvironment. <i>Journal of Cellular Physiology</i> , 2020 , 235, 4153-4166	7	33
491	MiR-146a functions as a small silent player in gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 238-245	7.5	32
490	Mast cells: A double-edged sword in cancer. <i>Immunology Letters</i> , 2019 , 209, 28-35	4.1	32
489	Interactions between cancer stem cells, immune system and some environmental components: Friends or foes?. <i>Immunology Letters</i> , 2019 , 208, 19-29	4.1	32
488	The potential role of miR-29 in health and cancer diagnosis, prognosis, and therapy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 19280-19297	7	32
487	The Value of MiR-383, an Intronic MiRNA, as a Diagnostic and Prognostic Biomarker in Intestinal-Type Gastric Cancer. <i>Biochemical Genetics</i> , 2017 , 55, 244-252	2.4	31
486	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR α -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017 , 39, 1010428317716501	2.9	30
485	Restoration of miR-152 expression suppresses cell proliferation, survival, and migration through inhibition of AKT-ERK pathway in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2018 , 234, 769-776	7	30
484	Peroxisome Proliferator-Activated Receptor Ligands and Their Role in Chronic Myeloid Leukemia: Therapeutic Strategies. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 17-25	2.9	30
483	Regulation of miRNAs by herbal medicine: An emerging field in cancer therapies. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 86, 262-270	7.5	29
482	miR-142-3p is a tumor suppressor that inhibits estrogen receptor expression in ER-positive breast cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16043	7	29
481	COVID-19 Infection in Cancer Patients: How Can Oncologists Deal With These Patients?. <i>Frontiers in Oncology</i> , 2020 , 10, 734	5.3	29
480	Topical application of Mentha piperita essential oil accelerates wound healing in infected mice model. <i>Inflammopharmacology</i> , 2019 , 27, 531-537	5.1	29
479	Preparation of chitosan-plasmid DNA nanoparticles encoding interleukin-12 and their expression in CT-26 colon carcinoma cells. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011 , 14, 181-95	3.4	29
478	The anti-inflammatory effect of erythropoietin and melatonin on renal ischemia reperfusion injury in male rats. <i>Advanced Pharmaceutical Bulletin</i> , 2014 , 4, 49-54	4.5	29
477	Recent advances on portable sensing and biosensing assays applied for detection of main chemical and biological pollutant agents in water samples: A critical review. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 143, 116344	14.6	29
476	Combination of Ipilimumab and Nivolumab in Cancers: From Clinical Practice to Ongoing Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	28

475	Applications of Spherical Nucleic Acid Nanoparticles as Delivery Systems. <i>Trends in Molecular Medicine</i> , 2019 , 25, 1066-1079	11.5	28
474	Troloxerutin Preconditioning and Ischemic Postconditioning Modulate Inflammatory Response after Myocardial Ischemia/Reperfusion Injury in Rat Model. <i>Inflammation</i> , 2017 , 40, 136-143	5.1	28
473	Future prospects of monoclonal antibodies as magic bullets in immunotherapy. <i>Human Antibodies</i> , 2013 , 22, 9-13	1.3	28
472	miR-193: A new weapon against cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 16861-16872	7	28
471	Dysregulation of key microRNAs in pancreatic cancer development. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1008-1015	7.5	28
470	Role of miR-21 as an authentic oncogene in mediating drug resistance in breast cancer. <i>Gene</i> , 2020 , 738, 144453	3.8	27
469	Arsenic Trioxide Promotes Paclitaxel Cytotoxicity in Resistant Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 5191-7	1.7	27
468	Novel insights into the treatment of SARS-CoV-2 infection: An overview of current clinical trials. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 18-43	7.9	27
467	microRNA-193a-5p inhibits migration of human HT-29 colon cancer cells via suppression of metastasis pathway. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 8775	4.7	27
466	Silencing of HIF-1/CD73 axis by siRNA-loaded TAT-chitosan-spion nanoparticles robustly blocks cancer cell progression. <i>European Journal of Pharmacology</i> , 2020 , 882, 173235	5.3	26
465	Hyaluronic acid-decorated liposomal nanoparticles for targeted delivery of 5-fluorouracil into HT-29 colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2020 , 235, 6817-6830	7	26
464	MicroRNA-193a and taxol combination: A new strategy for treatment of colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 1388-1399	4.7	26
463	Promising approaches in cancer immunotherapy. <i>Immunobiology</i> , 2020 , 225, 151875	3.4	26
462	Potential roles and prognostic significance of exosomes in cancer drug resistance. <i>Cell and Bioscience</i> , 2021 , 11, 1	9.8	26
461	Role of glycogen synthase kinase following myocardial infarction and ischemia-reperfusion. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017 , 22, 887-897	5.4	25
460	Restoration of miR-143 expression could inhibit migration and growth of MDA-MB-468 cells through down-regulating the expression of invasion-related factors. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 920-924	7.5	25
459	The role of CIP2A in cancer: A review and update. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 626-633	7.5	25
458	The effect of combined miR-200c replacement and cisplatin on apoptosis induction and inhibition of gastric cancer cell line migration. <i>Journal of Cellular Physiology</i> , 2019 , 234, 22581-22592	7	25

457	LncRNAs: Potential Novel Prognostic and Diagnostic Biomarkers in Colorectal Cancer. <i>Current Medicinal Chemistry</i> , 2020 , 27, 5067-5077	4.3	25
456	Time--and Concentration--Dependent Effects of Resveratrol on miR 15a and miR16-1 Expression and Apoptosis in the CCRF-CEM Acute Lymphoblastic Leukemia Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015 , 16, 6463-8	1.7	25
455	Micro RNA 34a and Let-7a Expression in Human Breast Cancers is Associated with Apoptotic Expression Genes. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016 , 17, 1887-90	1.7	25
454	Overcoming trastuzumab resistance in HER2-positive breast cancer using combination therapy. <i>Journal of Cellular Physiology</i> , 2020 , 235, 3142-3156	7	25
453	Small interfering RNA-mediated gene suppression as a therapeutic intervention in hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3263-3276	7	25
452	Investigation of and expression and apoptosis in a resveratrol- and prednisolone-treated human T-ALL cell line, CCRF-CEM. <i>Blood Research</i> , 2018 , 53, 53-60	1.4	25
451	Epigenetic modifications and epigenetic based medication implementations of autoimmune diseases. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 87, 596-608	7.5	24
450	Silencing of p68 and STAT3 synergistically diminishes cancer progression. <i>Life Sciences</i> , 2020 , 249, 117498	9.8	24
449	Targeting ROCK signaling in health, malignant and non-malignant diseases. <i>Immunology Letters</i> , 2020 , 219, 15-26	4.1	24
448	microRNA-181 serves as a dual-role regulator in the development of human cancers. <i>Free Radical Biology and Medicine</i> , 2020 , 152, 432-454	7.8	24
447	Tumor suppressive activity of miR-424-5p in breast cancer cells through targeting PD-L1 and modulating PTEN/PI3K/AKT/mTOR signaling pathway. <i>Life Sciences</i> , 2020 , 259, 118239	6.8	24
446	Tumor suppressor microRNAs: Targeted molecules and signaling pathways in breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 81, 305-317	7.5	24
445	HMGA2 as a Critical Regulator in Cancer Development. <i>Genes</i> , 2021 , 12,	4.2	24
444	Circulating MicroRNAs: Valuable Biomarkers for the Diagnosis and Prognosis of Gastric Cancer. <i>Current Medicinal Chemistry</i> , 2018 , 25, 698-714	4.3	24
443	Development of biosensors for detection of alpha-fetoprotein: As a major biomarker for hepatocellular carcinoma. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 130, 115961	14.6	23
442	Critical microRNAs in Lung Cancer: Recent Advances and Potential Applications. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 1991-2005	2.2	23
441	Inhibition of mitochondrial permeability transition pore restores the cardioprotection by postconditioning in diabetic hearts. <i>Journal of Diabetes and Metabolic Disorders</i> , 2014 , 13, 106	2.5	23
440	Inhibition of Growth and Induction of Apoptosis in Fibrosarcoma Cell Lines by Echinophora platyloba DC: In Vitro Analysis. <i>Advances in Pharmacological Sciences</i> , 2013 , 2013, 512931	4.9	23

439	Well-Orientation Strategy for Direct Immobilization of Antibodies: Development of the Immunosensor Using the Boronic Acid-Modified Magnetic Graphene Nanoribbons for Ultrasensitive Detection of Lymphoma Cancer Cells. <i>Analytical Chemistry</i> , 2020 , 92, 11405-11412	7.8	23
438	Prognostic Role and Clinical Significance of Tumor-Infiltrating Lymphocyte (TIL) and Programmed Death Ligand 1 (PD-L1) Expression in Triple-Negative Breast Cancer (TNBC): A Systematic Review and Meta-Analysis Study. <i>Diagnostics</i> , 2020 , 10,	3.8	23
437	HMGA2 and Bach-1 cooperate to promote breast cancer cell malignancy. <i>Journal of Cellular Physiology</i> , 2019 , 234, 17714-17726	7	23
436	The role of DEAD-box RNA helicase p68 (DDX5) in the development and treatment of breast cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5478-5487	7	23
435	MicroRNA-mediated autophagy regulation in cancer therapy: The role in chemoresistance/chemosensitivity. <i>European Journal of Pharmacology</i> , 2021 , 892, 173660	5.3	23
434	Therapeutic effects of bach1 siRNA on human breast adenocarcinoma cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 34-42	7.5	22
433	Function of microRNA-143 in different signal pathways in cancer: New insights into cancer therapy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 121-131	7.5	22
432	Reversal of chemoresistance with small interference RNA (siRNA) in etoposide resistant acute myeloid leukemia cells (HL-60). <i>Biomedicine and Pharmacotherapy</i> , 2015 , 75, 100-4	7.5	22
431	The role of innate lymphoid cells in health and disease. <i>Journal of Cellular Physiology</i> , 2018 , 233, 4512-4529		22
430	Gene therapy, early promises, subsequent problems, and recent breakthroughs. <i>Advanced Pharmaceutical Bulletin</i> , 2013 , 3, 249-55	4.5	22
429	Immune Checkpoints and CAR-T Cells: The Pioneers in Future Cancer Therapies?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	22
428	Cytotoxic T-Lymphocyte Antigen-4 in Colorectal Cancer: Another Therapeutic Side of Capecitabine. <i>Cancers</i> , 2021 , 13,	6.6	22
427	The role of microRNAs involved in PI3-kinase signaling pathway in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5664-5673	7	22
426	Regulatory mechanisms of microRNAs in colorectal cancer and colorectal cancer stem cells. <i>Journal of Cellular Physiology</i> , 2020 , 235, 776-789	7	22
425	Overexpression of HMGA2 in breast cancer promotes cell proliferation, migration, invasion and stemness. <i>Expert Opinion on Therapeutic Targets</i> , 2020 , 1-11	6.4	21
424	Mechanisms of immune system activation in mammals by small interfering RNA (siRNA). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 1589-96	6.1	21
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422	An update review of deregulated tumor suppressive microRNAs and their contribution in various molecular subtypes of breast cancer. <i>Gene</i> , 2020 , 729, 144301	3.8	21

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